

Daam1-Flox

Nomenclature	C57BL/6Smoc- <i>Daam1</i> ^{em1(flox)Smoc}
Cat. NO.	TBD
Strain State	Developing

Gene Summary

Gene Symbol Daam1	Synonyms	-
	NCBI ID	208846
	MGI ID	1914596
	Ensembl ID	ENSMUSG00000034574
	Human Ortholog	DAAM1

Model Description

These mice carry loxP sites flanking target exons of *Daam1* gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of *Daam1* gene.

*Literature published using this strain should indicate: *Daam1*-Flox mice (Cat. NO. TBD) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Intrinsic Cardiomyopathy	Phenotype(s)	MGI:6150918 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with <i>Nkx2-5</i> -Cre mice.
	Reference(s)	Ajima R, Bisson JA, Helt JC, Nakaya MA, Habas R, Tessarollo L, He X, Morrissey EE, Yamaguchi TP, Cohen ED, DAAM1 and DAAM2 are co-required for myocardial maturation and sarcomere assembly. Dev Biol. 2015 Dec 1;408(1):126-39

Validation Data

No data

